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Update on the 1986 Census Publication
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UPDATE ON THE 1986 CENSUS
PUBLICATIONS PROGRAM

1986 Census Output
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INTRODUCTION

This document lists proposed publications, including two "open-ended" reference series, an atlas series of thematic maps and a description of other publications under consideration. All documents referred to as publications will be catalogued.

Publications fall into five main groups:


- population and dwelling counts;
- population and dwelling characteristics;
- general reference publications;
- geographic reference publications;
- descriptive publications.

The content of these publications has been defined on the basis of quantitative and qualitative feedback on 1981 Census products and also from information obtained during user consultations. Publications are seen as the cornerstone of the output program; both their content and their "packaging" are being developed with this principle in mind.

Appendix A provides explanations for the many abbreviations of geographic units used in this document as well as the number of units in Canada and size in terms of population.

OVERVIEW OF 1986 PUBLICATIONS

Group/Series	No. of Pubs.	Scheduled Release
<u>Population and Dwelling Counts</u>		
Geographic Distributions for Canada	6	Summer 1987
Geographic Distributions for Provinces/ Territories	12	Summer 1987
Place Name Reference Lists	3	Winter 1987
<u>Population and Dwelling Characteristics</u>		
National Series - 100% data	4	Beginning in Summer 1987
- 20% data	16	Beginning in Spring 1988
Area Profiles - 100% data	51	Beginning in Summer 1987
- 20% data	52	Beginning in Spring 1988
<u>General Reference Publications</u>	5 (of which 2 are series of bulletins)	Beginning in Winter 1986
<u>Geographic Reference Publications</u>		
EA Reference Lists	10	Summer 1987
Equivalent 1986 and 1981 EAs	1	Autumn 1987
Reference Maps	2	
<u>Descriptive Publications</u>		
Content Series	16	
Atlas Series	12	
<u>Other Publications under Consideration</u>	13	



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POPULATION AND DWELLING COUNTS

Three series, involving a total of 21 publications, have been proposed for this group. The three series are:

- Geographic Distributions for Canada;
- Geographic Distributions for Provinces and Territories;
- Place Name Reference Lists.

The objective of the Population and Dwelling Counts publications is to provide basic 1986 counts for all standard levels of Census geography. Measures of change since 1981 are frequently given as well. A number of enhancements in the presentation of data are under consideration, in response to user feedback on comparable 1981 products.

Geographic Distributions for Canada

This series of 6 publications is designed to provide final, unrounded population and dwelling counts in a national context - for example, counts for census subdivisions across the country are grouped together into a single table.

1. Counts for Census Divisions and Subdivisions

This publication presents 1986 population counts along with the "national rank" and "provincial rank" of each CD and CSD. For example, for a given CSD in Newfoundland, it will show the rank of that CSD in terms of population size vis-à-vis other Newfoundland CSDs and nationally. Different tables display the data in different ways (e.g., alphabetically by place name vs. a display by decreasing population size).

2. Counts for Federal Electoral Districts

Included in this publication are 1981 and 1986 counts for Canada's 282 FEDs, along with percentage changes for population. Dwelling counts for 1986 are also shown. A FED map is included.

3. Counts for Federal Electoral Districts and Enumeration Areas

EA population counts and occupied private dwelling counts for 1986 are presented in this publication, grouped by FED.

4. Counts for Census Metropolitan Areas, Census Agglomerations and Components

These counts for CMAs and CAs cover 1986 and 1981, percentage changes, provincial rank and national rank. Also shown are counts for component CSDs of CMAs, CAs, PCMA and PCAs.

5. Counts for Census Tracts

For each tracted centre, this publication provides 1981 and 1986 population counts along with percentage changes by CT and 1986 counts of private dwellings. Land area (Km²) and population density are also shown for each CT. The publication includes reference maps and conversion tables.

6. Counts and Location of Unincorporated Places

The sixth and final publication in this series is a new item. Counts for UPs have traditionally been included in the Place Name Reference Lists (and still are) but users have expressed a need to have these counts sooner. A special publication will accordingly be produced to enable earlier access (July 1987) to these counts. This publication will also show the location of UPs vis-à-vis province, CD and CSD.

Geographic Distributions for Provinces and Territories

This series includes 12 publications, one for each province and territory, containing final unrounded population and dwelling counts for most standard levels of Census geography - CD, CSD, CCS, CMA, CA, PCMA, PCA, UP, Urban size group and Rural.

These publications include, in addition to basic 1986 counts, information on population change (1981 counts and percentage changes), "provincial rank", land area, population density and geographic location of CSDs and UPs.

Each publication contains 14 tables which logically fall into 4 groups:

- CSD counts, showing CCS and CD "roll-ups" (5 tables);
- CD counts, displayed alphabetically and in decreasing population size (3 tables);
- Counts for CMAs, CAs, PCMA's and PCA's, showing the component CSDs, urbanized core and fringe (3 tables);
- Counts for urban areas (3 tables).

Place Name Reference Lists

The third and final series in the Population and Dwelling Counts class consists of three publications called Place Name Reference Lists. These publications list place names in the provinces and territories and show their level in census terms (CD, CSD, UP, etc.) along with counts. Counts for UPs are included. The three publications deal respectively with:

- the Atlantic Provinces;
- Quebec and Ontario;
- the Western Provinces and Territories.

In addition to level in terms of Census geography, Place Name Reference Lists provide the Standard Geographic Classification Code, longitude, latitude and identification of relevant maps.

POPULATION AND DWELLING CHARACTERISTICS

Population and dwelling characteristics will be presented in the following series of publications:

- (a) The National Series; and
- (b) Area Profiles

National Series

This series of 20 publications is designed to illustrate the scope and depth of census subject-matter. This is achieved by displaying considerable detail for selected variables or alternatively by cross tabulating variables to illustrate the analytical potential of the data.

The series provides national coverage. Most tables include provincial and territorial data, but no subprovincial data are presented. Some tables include comparisons to 1981 data and a few basic tables show data from earlier censuses. Four of the publications will contain only data collected from all households (100% data) as opposed to data collected from a one-fifth sample (20% data) and will consequently become available sooner. The proposed topics are as follows:

Data for total population (100% data)

- Age, Sex and Marital Status
- Families
- Households and Dwellings
- Mother Tongue

Data for sample population (20% data)

- Mobility and Interprovincial Migration
- Families
- Households and Dwellings
- Ethnic Origin
- Place of Birth and Citizenship

- Language
- Schooling
- Labour Force Activity
- Occupation
- Industry
- Total Income, Individuals
- Employment Income Distribution
- Employment Income by Occupation
- Family Income, Census Families
- Family Income, Economic Families
- Total Income, Private Households

Area Profiles

"Profiles" provide a statistical overview of a particular geographical area, touching on a wide selection of census variables but providing a limited amount of detail for each variable. Typically, the distributions shown are univariate; a limited number of notes and indicators may also be shown. Separate profiles will be published containing 100% and 20% data.

A total of 103 publications are proposed for this series as shown below:

Geo. Level	100% data	20% data
CSD	12 bulletins (one for each province/territory)	12 bulletins (one for each province/territory)
FED	one publication	one publication
CMA/CA	one publication	one publication
CT	37 publications (one for each census tracted centre shown in Table 1)	37 publications (one for each census tracted centre shown in Table 1)
ER*	-	one publication

* Refers to the Labour Force Survey economic regions.

While, in general, the contents of profiles are similar to 1981, consideration is being given to expanding the content for variables such as mother tongue, home language and ethnic origin. In addition, for the larger geographic areas, i.e. FEDs and CMAs, the content may be further expanded. In the case of the CMA/CA profiles, components of CMAs will not be shown but rather, the component subdivisions of the CMA/CA will be included in the census tract bulletins.

Table 1: Census Tracted Centres for the 1986 Census

Brantford	London	Saint John
Calgary	Moncton	Sarnia
Chicoutimi-Jonquière	Montréal	Saskatoon
Edmonton	North Bay	Sault Ste. Marie
Guelph	Oshawa	Sherbrooke
Halifax	Ottawa-Hull	Sudbury
Hamilton	Peterborough	Thunder Bay
Kamloops	Prince George	Trois-Rivières
Kelowna	Québec	Toronto
Kingston	Regina	Vancouver
Kitchener	St. Catharines-Niagara	Victoria
Lethbridge	St. John's	Windsor
		Winnipeg

GENERAL REFERENCE PUBLICATIONS

General reference products are intended to increase the accessibility and usefulness of census data, including data presented in publications, custom tabulations or other output modes. General reference publications include:

- 1986 Census catalogue (preliminary and final editions)
- 1986 Dictionary
- Census Handbook
- User Information Bulletins Series
- Census Reference Papers Series

The last two series are intentionally left "open-ended" to serve as a medium for the release of census documentation to meet needs as they are identified. Efforts are being made to release a number of general reference products early, to increase their usefulness.

1986 Census Catalogue

Contains a list and description of available products and services, along with price and ordering information. In order to be both timely and accurate, a preliminary and final issue will be produced.

1986 Census Dictionary

Provides information which will assist in understanding census data including:

- definitions of concepts related to the universes, variables and geographic dimensions of the 1986 Census data base;
- indications of availability of similar data from past censuses and notes on comparability;
- classifications or response categories for each concept.

Census Handbook

A comprehensive reference book on the census, intended for both new and experienced census data users. The Census Handbook would include chapters on the following issues,

with bibliographical references wherever appropriate. Topics addressed could include:

- history of the Census;
- summary of the Census process;
- important issues and policies in 1986 Census planning;
- understanding Census geography and geocoding;
- types of data available from the 1986 Census;
- methodological issues in analyzing 1986 Census data;
- overview of Census products and services;
- uses and limitations of Census data.

User Information Bulletins Series

A series of short, easy-to-read narratives on specific topics (average length: 6 pages). Examples of topics which may be addressed in this series include:

- sampling and weighting;
- edit and imputation;
- confidentiality;
- how to use the Census Custom Tabulations Service;
- overview of Census geography;
- geocoding/non-standard geography;
- demographic data: uses and limitations;
- schooling data: uses and limitations;
- income data: uses and limitations;
- new tables available in the Inventory of Tables;
- extracts of reference papers.

Because these bulletins will generally be focussed on a narrow topic, they can provide more in-depth information than will be possible in the Census handbook. Also, the User Information Bulletins will be an "open-ended" series; issues may be added to address user concerns as they arise.

Census Reference Papers Series

A series providing documentation on the Census in somewhat more detail, and consequently of interest primarily to major users and intermediaries who deal with end

users of census data. These reports would also be suitable for library shelves, particularly in universities. The following four reference papers are currently under development:

- Guide to 1986 Census Tables and Legends;
- Geography and the 1986 Census;
- Counting People in the Census (principles and procedures to ensure good population coverage);
- Finding and Using Historical Census Data.

The list of topics could be expanded gradually as needs are identified.

GEOGRAPHIC REFERENCE PUBLICATIONS

This group of products consists of 13 publications providing geographic information intended to assist in the use and interpretation of census data. Counts may be included in some of these publications but their primary value is as reference tools rather than as a data source.

The Geographic Reference Publications include:

- EA Reference Lists;
- Equivalent 1986 and 1981 EAs;
- Reference Maps.

EA Reference Lists

A series of 10 publications, linking EAs to higher level geography. Counts of the number of EAs in the higher geographic levels, e.g., CSD, CT, CMA, etc. are also included. The publications in this series are:

- CDs and CSDs - Atlantic Provinces;
- CDs and CSDs - Quebec;
- CDs and CSDs - Ontario;
- CDs and CSDs - Western Provinces and Territories;
- Census Tracts;
- Provincial Census Tracts - Atlantic Provinces;
- Provincial Census Tracts - Quebec;
- Provincial Census Tracts - Ontario
- Provincial Census Tracts - Western Provinces and Territories
- CMAs/CAs and Components.

Equivalent 1986 and 1981 EAs

Shows the correspondence between 1981 and 1986 EAs, by FED.

Reference Maps

This series includes 2 publications containing reference maps for CDs, CSDs, CMAs and CAs. The publications are to be national in scope. These maps may also be available unbound and may be included where appropriate in data publications and semi-customized packages.

DESCRIPTIVE PUBLICATIONS

Two series have been proposed for the Descriptive Publications group which can be defined as publications presenting data other than in strictly tabular form. The two series under consideration are the:

- Content Series; and
- Atlas Series.

Each of these series is discussed in general terms below.

Content Series

The 1986 Content Series, a narrative series on 16 popular topics supported by simple tables and charts, will cover all of the broad subject fields of the 1986 Census, i.e. demographic, ethno-cultural, labour, income and housing. The following topic areas have been proposed:

- | | |
|----------------|-----------------------------|
| • Population | • Family Income |
| • Elderly | • Employment Income |
| • Aborigines | • Housing |
| • Urban Growth | • Language |
| • Youth | • Ethnicity and Immigration |
| • Women | • Farming |
| • Disabled | • Education |
| • Family | • Occupation and Industry |

The 1986 Content Series will be modelled on its 1981 counterpart, which proved to be very popular.

Atlas Series

A series consisting of thematic maps, with supporting charts and summary statistics. Possible modifications to the 1981 Series are now being explored.

OTHER PUBLICATIONS UNDER CONSIDERATION

Historical Data

Historical Occupation Data

This bulletin would show tabulations of detailed occupation by sex for 1971, 1981 and 1986 based on the 1971 SOC codes for Canada, the provinces and territories. It is also proposed to include summary tabulations for 1961 to 1986 at the occupation major group level.

Historical Industry Data

This bulletin would show tabulations of detailed industry by sex for 1971, 1981 and 1986 based on the 1971 SIC codes for Canada, the provinces and territories. It is also proposed to include summary tabulations at the industry division for the period 1951-1986.

Publications on Target Groups or Specific Themes

Aboriginal Population

This bulletin would display a range of tabulations on Canada's aboriginal population for Canada, the provinces and territories and perhaps selected Census Metropolitan Areas.

The Disabled Population

Various options for displaying data on the disabled population are under consideration. The exact nature of the publication will depend on publication plans for both the Census and the Post-censal Disability Survey.

Profile of Ethnic Groups

This profile publication would be formatted similarly to the area profiles except that ethnic groups would replace geographic areas as columns of the table. For each ethnic group, there would be a range of data showing various characteristics. The publication would show data for Canada and the provinces where the ethnic groups tabulated might vary depending on province.

Profile of Immigrant Groups

This would be similar to the profile of ethnic groups except that the immigrant population by country of birth would replace ethnic groups as columns in the tables.

Linguistic Mobility

This bulletin would contain cross-tabulations of the three language variables - mother tongue, home language and official language - by age group and sex. The bulletin would contain tabulations for Canada, the provinces and territories and perhaps selected Census Metropolitan Areas.

Area Profile of Urban and Rural Areas

This profile would be similar in content to the area profiles for census subdivisions and would show data for urban areas (by size) and rural areas.

Census Metropolitan Area Bulletin

While a basic area profile of Census Metropolitan Areas is being planned, consideration is also being given to another bulletin which would show more detailed cross-tabulations of a range of variables for Census Metropolitan Areas.

Profile of Occupations

This profile would display a range of data for selected occupations, showing results for Canada, the provinces and territories.

Occupation, Field of Study and Employment Income

The introduction of the new variable "major field of study" provides an opportunity to explore the relationship between field of study, occupation and employment income. Ways of responding to the interest expressed in cross-tabulations of these variables are under consideration. The approach must take into account the detailed nature of, and relationship between, occupation and major field of study.

Selected Summary Measures or Indicators

Interest has been expressed in having additional summary measures or indicators as part of the output program. Consideration is being given to a publication showing a range of indicators for selected standard geographic areas.

Institutions and Other Collective Dwellings

A possible publication designed to display census data on collectives and their residents is under consideration. This publication would include historical data and data quality information and would explore the uses and limitations of census results on institutions and other collectives.

ABBREVIATIONS AND DESCRIPTION OF STANDARD GEOSTATISTICAL AREAS

Abbreviations	Standard Census Geographic Units	Capsule Description	Coverage	
			No. of Units in Canada 1986	Size (based on) 1981 population counts)
CA	Census Agglomerations	Labour market areas with an urbanized core of at least 10,000 population, based on the previous census	114	From 10,000 to over 115,000 persons
CCS	Census Consolidated Subdivisions	Grouping of contiguous subdivisions	2,660	Less than 100 to around 2,000,000 persons
CD	Census Divisions	General terms applying to census divisions, counties, regional districts, regional municipalities and five other types of areas made up of census subdivisions	266	5,000 to over 2,000,000 persons
CMA	Census Metropolitan Areas	Main labour market areas of urban areas (urbanized cores) of at least 100,000 population, based on previous census	25	From 100,000 to over 3,000,000 persons
CMA/CA Parts	Census Metropolitan Area and Census Agglomeration Parts	Three types of areas - urbanized core, urban fringe and rural fringe within CMAs and CAs	359	From around 1,000 to almost 3,000,000
CSD	Census Subdivisions	General term applying to cities, towns, villages, Indian Reserves and settlements and unorganized territories	6,009	Less than 100 to around 1,000,000 persons

Abbreviations	Standard Census Geographic Units	Capsule Description	Coverage	
			No. of Units in Canada 1986	Size (based on) 1981 population counts)
CT	Census Tracts	Permanently defined areas within large urban communities	3,776	About 4,000 persons
EA	Enumeration Areas	The basic area for which data are collected and the building block of all standard census geographic areas	42,584 ⁽¹⁾	About 600 persons
FED	Federal Electoral Districts	Areas that return a member to the House of Commons	282	About 85,000 persons
PCA	Primary Census Agglomerations	Labour market sub-region within a larger consolidated census metropolitan area (CMA) or consolidated census agglomeration (CA)	21 ⁽²⁾	From 10,000 to about 115,000
PCMA	Primary Census Metropolitan Areas	Labour market sub-region within a larger consolidated census metropolitan area	12 ⁽²⁾	From 100,000 to almost 3,000,000 persons
PCT	Provincial Census Tracts	Permanently defined areas outside large urban communities	1,837	About 5,000 persons
PR	Province/Territory	The major political division of the country	12	From almost 22,000 to over 9,000,000
UA	Urban Areas	An area with a population of 1,000 or more and a population density of 400 or more per square km.	946	From 1,000 to almost 3,000,000

(1) Counts are as of June 3, 1986. EA counts will not be final until the fall of 1986.

(2) PCMA's and PCA's have been introduced for the first time as part of the 1986 Census.

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